

FIG. 1A
PRIOR ART

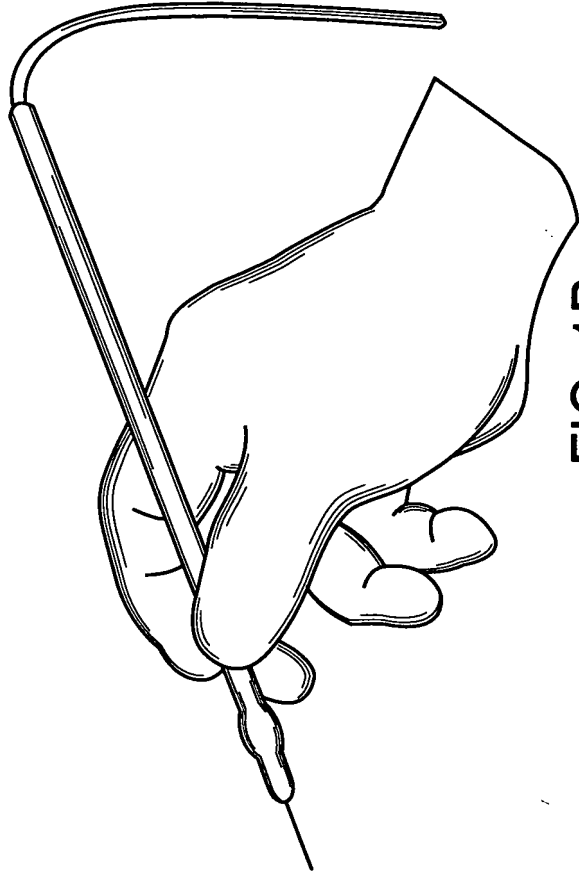
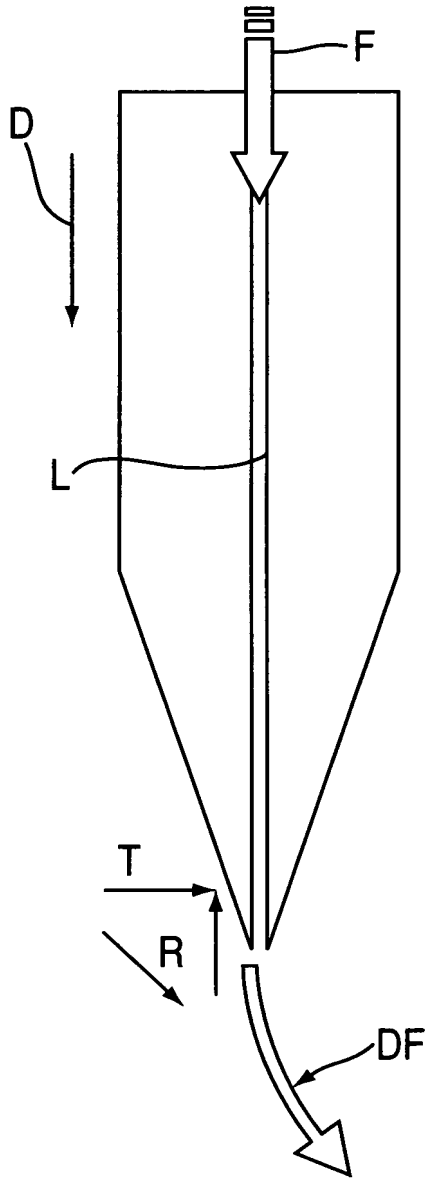


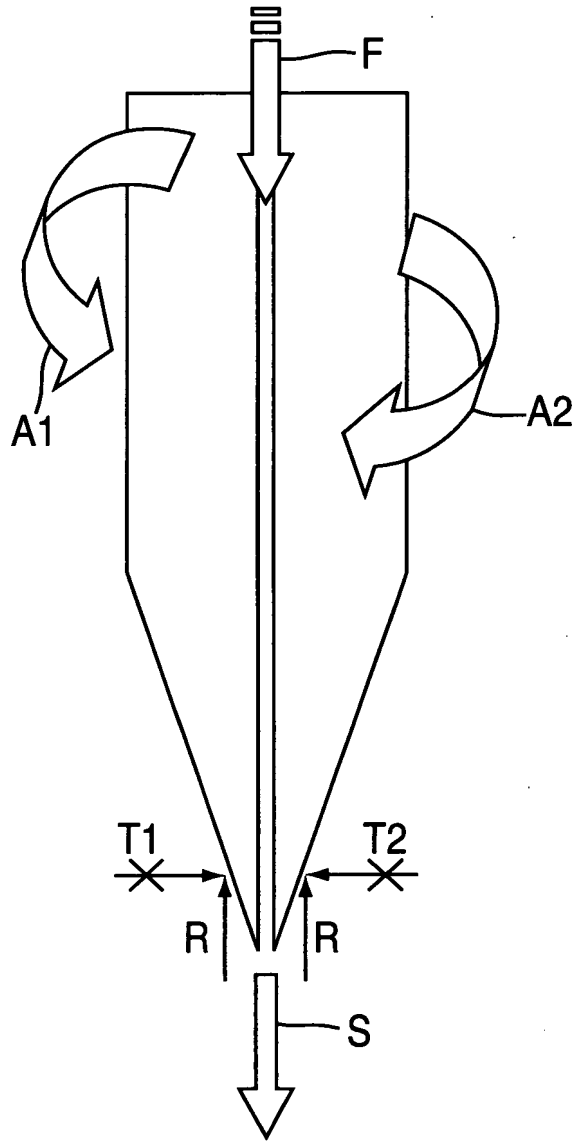
FIG. 1B
PRIOR ART

FIG. 1C: A hand holding a syringe with a needle.

Insertion Techniques



Linear

FIG. 2A
PRIOR ART

Rotational

FIG. 2B

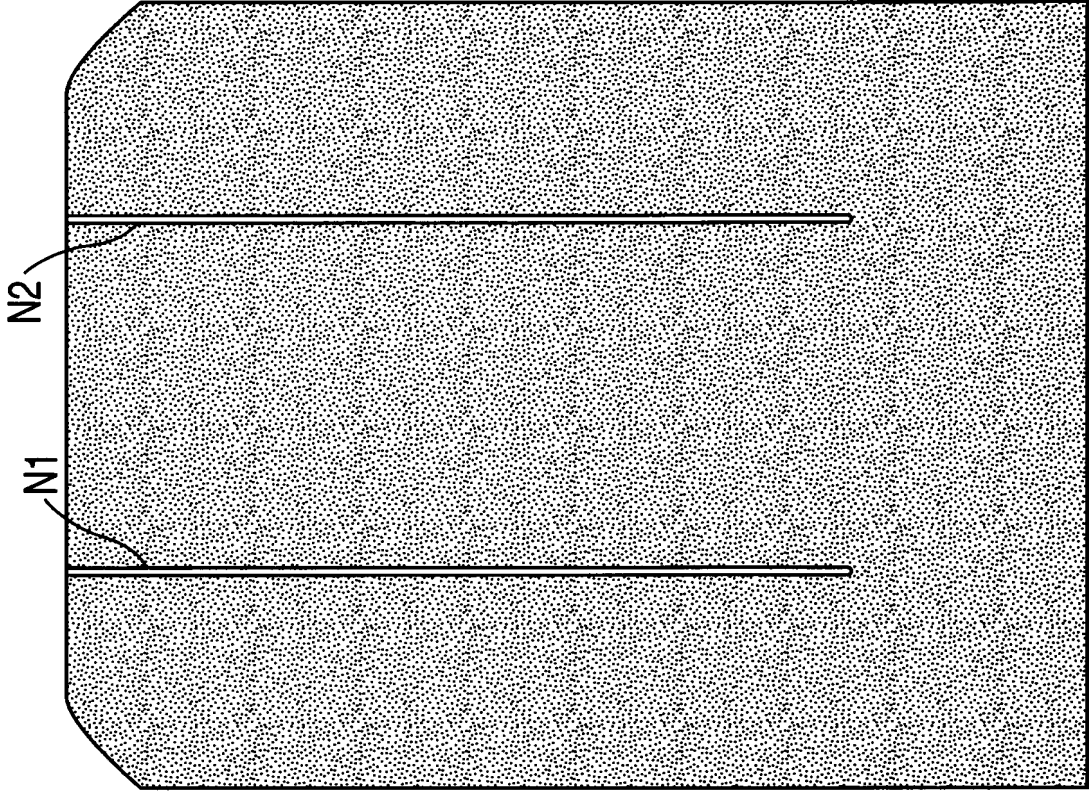


FIG. 3B

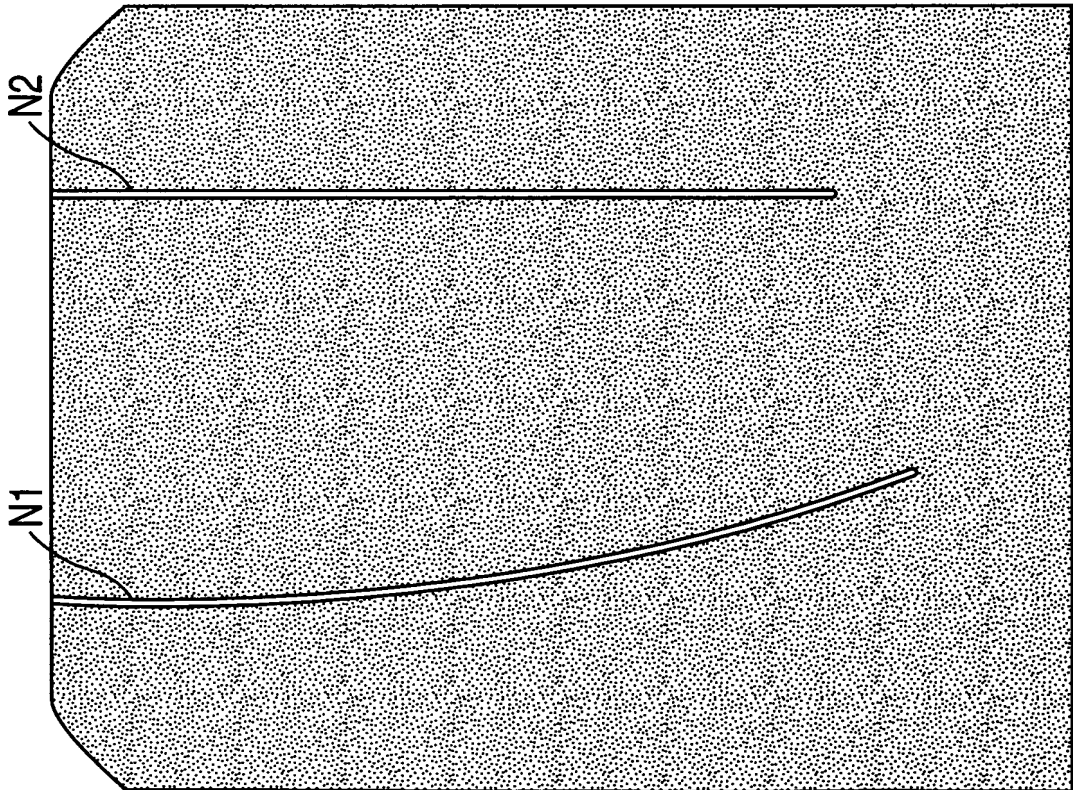
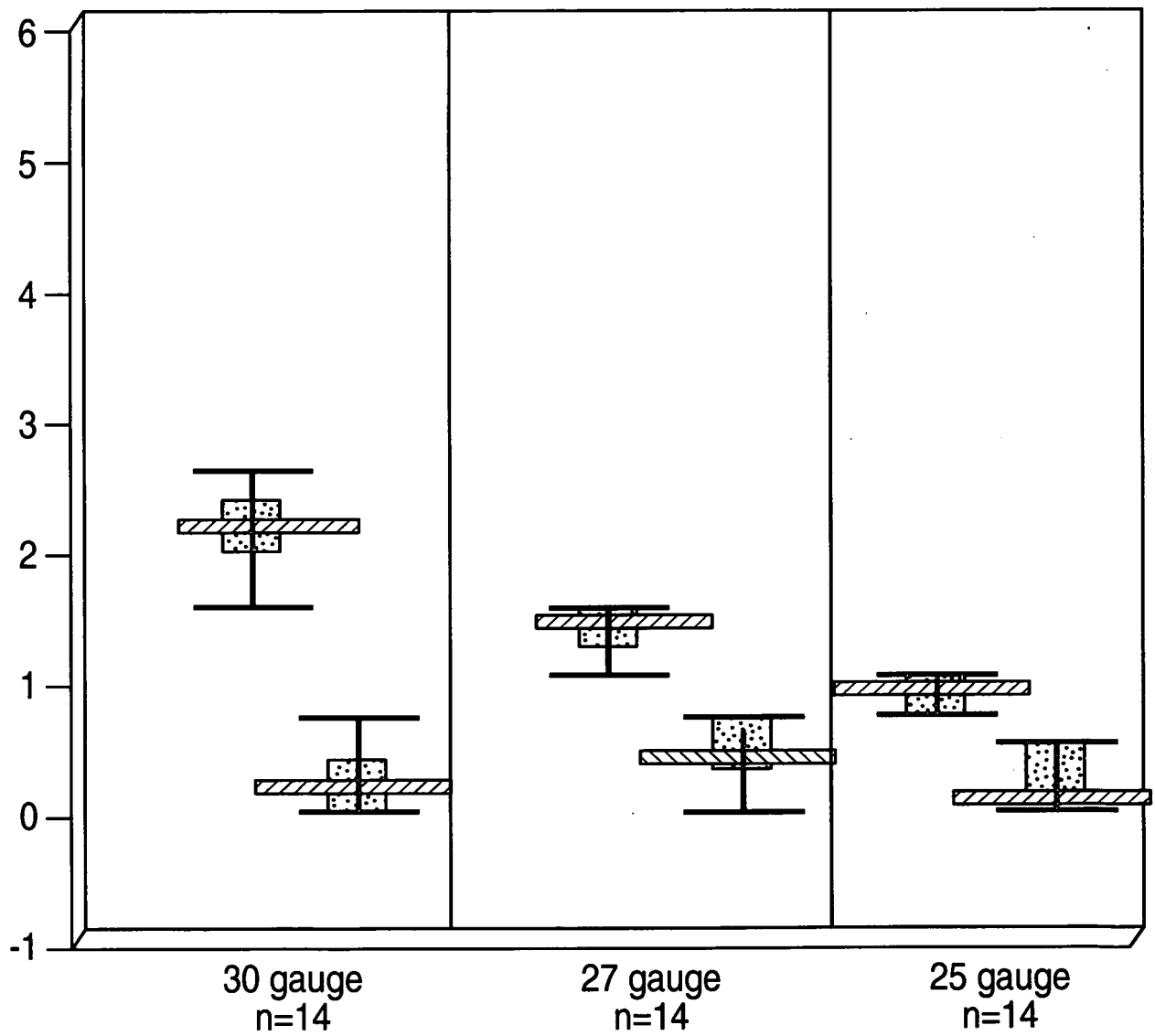


FIG. 3A



Linear vs. Bi-directional rotation Insertion

FIG. 4